

CLAIMS

What is claimed is:

1. An automatic door warning system for use in conjunction with those public transportation vehicles having automatic doors, said automatic door warning system comprising:

a front panel having a generally flat front surface;

message display means for visually displaying written messages,

said message display means affixed to said front panel;

audible alarm means for providing an audible alarm;

visual alarm means for providing a visual warning;

a rear housing for containing said audible alarm means and said visual alarm means, said rear housing being in direct mechanical contact with said front panel; and

attachment means for affixing said automatic door warning system

^{or}
15 *a b* to a wall, vehicle, or the like.

2. The automatic door warning system as described in claim 1,

a
a wherein said message display means comprises a message display area mounted to said front panel, said message display area having an electronic, programmable display panel capable of being programmed for

a plurality of written messages.

3. The automatic door warning system as described in claim 1,
wherein said audible alarm means comprises:

5 a programmable audible and verbal alarm module for producing an
electronic output in an analog waveform emulating verbal commands; and
a speaker unit for projecting said electronic output.

4. The automatic door warning system as described in claim 1,

wherein said audible alarm means comprises:

10 a programmable audible and verbal alarm module for producing an
electronic output in an analog waveform emulating a combination of both
verbal commands and musical tones; and

4 a speaker unit for projecting said electronic output.

5. The automatic door warning system as described in claim 1,

wherein said visual alarm means comprises a flashing strobe light.

- 15 6. A door warning system for use with automatic doors having door
control circuitry generating a door close signal and a door actuator, said
door warning system comprising:

door close signal means for receiving an electrical door close signal
from existing door control circuitry;

an automatic door warning circuit both for receiving said door close signal and for generating a delay output signal to actuate said door actuator and an instantaneous output signal;

a speaker;

5 an audible/verbal alarm module activatable by said instantaneous output signal, said audible/verbal alarm module for generating sounds and words through said speaker;

a message display area activated by said instantaneous output signal, said message display area capable of displaying a written message; and

10 visual warning means activated by said instantaneous output signal for providing visual alarm indications.

6. The door warning system as described in claim 6, wherein said message display area comprises a programmable display panel capable of being programmed to generate a plurality of written messages.

15 7. The door warning system as described in claim 6, wherein said visual warning means comprises a flashing strobe light.